

SYSTEM AND METHOD FOR SECURE PROVISIONING OF A  
MOBILE STATION FROM A PROVISIONING SERVER  
USING IP ADDRESS TRANSLATION AT THE BTS/BSC

## ABSTRACT OF THE DISCLOSURE

5           There is disclosed a security device for use in a wireless network comprising a group of base stations that communicate with numerous mobile stations. The security device prevents an unprovisioned one of the mobile stations from accessing an Internet protocol (IP) data network through the wireless network. The security device comprises a first controller for receiving from the unprovisioned mobile station an IP data packet comprising an IP packet header and an IP packet payload. The first controller replaces the IP packet header with a replacement IP packet header containing an IP address of a selected provisioning server of the wireless network. The first controller selects the provisioning server by selecting the IP address in the replacement IP packet header according to a load spreading algorithm.